CLAIMS

- 1. A powders-affixed nonwoven fabric prepared from a fiber web comprising fine short fibers having a fiber diameter of 4 μm or less and a fiber length of 3 mm or less in a dispersed state in said fiber web, and powder materials affixed to said fiber web formed by a method other than a wet-laid method.
- 2. The powders-affixed nonwoven fabric according to claim 1, wherein an average particle size of the powder materials is 50 µm or less.
- 3. The powders-affixed nonwoven fabric according to claim 1, wherein a mass ratio of the fine short fibers with respect to a whole mass of the powders-affixed nonwoven fabric is 1 to 40 mass %.
- 4. The powders-affixed nonwoven fabric according to claim 1, wherein an adhesion rate of substances adhered to said powder-affixed nonwoven fabric is 0.5 mass% or less.
- 5. The powders-affixed nonwoven fabric according to claim 1, wherein the fine short fibers are formed from island components remaining after removing a sea component from islands-in-sea type fibers.
- 6. The powders-affixed nonwoven fabric according to claim 1, wherein the fine short fibers are formed from one or more organic components.
- 7. A process for manufacturing a powders-affixed nonwoven fabric comprising the steps of:
- ejecting aggregates of fine short fibers having a fiber diameter of 4 μm or less and a fiber length of 3 mm or less, or a group of the aggregates, and/or mechanically dividable fibers capable of generating fine short fibers having a fiber diameter of 4 μm or less and a fiber length of 3 mm or

less, or aggregates of the mechanically dividable fibers, together with powder materials, from a nozzle into a gas by an action of a compressed gas, to thereby divide the aggregates of the fine short fibers or the group thereof into the fine short fibers, and/or divide the mechanically dividable fibers or the aggregates thereof into the fine short fibers, and disperse the resulting fine short fibers and the powder materials;

collecting the dispersed fine short fibers and the powder materials to form a powders-containing fiber web; and bonding the powders-containing fiber web, and affixing the powder materials thereto to obtain the powders-affixed nonwoven fabric.

- 8. The process according to claim 7, wherein bundled aggregates of fine short fibers are supplied to the nozzle.
- 9. The process according to claim 7, wherein before supplying the fine-fibers aggregates or the group thereof, and/or the mechanically dividable fibers or the aggregates thereof to the nozzle, adhered substances are removed from the fine-fibers aggregates or the group thereof, and/or the mechanically dividable fibers or the aggregates thereof.
- 10. The process according to claim 7, wherein a gas stream supplied to the nozzle is substantially a laminar flow.
- 11. The process according to claim 7, wherein the fine-fibers aggregates or the group thereof, and/or the mechanically dividable fibers or the aggregates thereof, and the powder materials are ejected from the nozzle and brought into collision with a colliding means placed in front of the nozzle.
- 12. A sheet material comprising at least one layer of a powders-affixed nonwoven fabric prepared from a fiber web comprising fine short fibers having a fiber diameter of 4 µm

or less and a fiber length of 3 mm or less in a dispersed state in said fiber web, and powder materials affixed to said fiber web formed by a method other than a wet-laid method.

- 13. The sheet material according to claim 12, further comprising a layer free of the powder materials on at least one surface.
- 14. A process for manufacturing a sheet material comprising the steps of:

ejecting aggregates of fine short fibers having a fiber diameter of 4 µm or less and a fiber length of 3 mm or less, or a group of the aggregates, and/or mechanically dividable fibers capable of generating fine short fibers having a fiber diameter of 4 µm or less and a fiber length of 3 mm or less, or aggregates of the mechanically dividable fibers, together with powder materials, from a nozzle into a gas by an action of a compressed gas, to thereby divide the aggregates of the fine short fibers or the group thereof into the fine short fibers, and/or divide the mechanically dividable fibers or the aggregates thereof into the fine short fibers, and disperse the resulting fine short fibers and the powder materials;

collecting the dispersed fine short fibers and the powder materials to form a powders-containing fiber web; and bonding the powders-containing fiber web, affixing the powder materials thereto, and at the same time bonding a layer free of the powder materials, to obtain the sheet material containing a powders-affixed nonwoven fabric.